

### **ABSTRACT**

A metal ion eluting unit according to the present invention includes: a plurality of electrodes 102 and 103; a drive circuit (not shown) that applies a voltage between the electrodes; and a control circuit (not shown) that controls the drive circuit so that the drive circuit periodically reverses the polarity of the voltage applied between the electrodes, operates, from every time the polarity of the voltage applied between the electrodes is reversed until a predetermined period elapses, in a first current mode in which the value of a current flowing between the electrodes equals a first value, and operates, thereafter, in a second current mode in which the value of the current flowing between the electrodes equals a second current value different from the first current value. According to this configuration, metal ions can be efficiently and stably eluted for a prolonged period of time.